INFORMATION REPORT INFORMATION REPORT

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COUNTRY East Germany

SUBJECT Radar Development at Funkwerk Koepenick

REPORT

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Radar Development at Funkwerk Koepenick

1. KSA 3

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One of the three zero-series installations is located on board the METEOR, which made a trial run to Leningrad in mid-June 1959. Another 50 installations of this type are under construction at Plant II, Berlin-Oberschoeneweide. The sales department of Funkwerk Koepenick is again attempting to negotiate with Communist China and the Soviet Union. Some of the installations are being built to be connected to a Soviet gyrocompass. 50X1-HUM

2. KSA 4

Repair work of the model installation which had already been sold was to be completed by mid-June 1959. Another testing of the installation was scheduled to follow at Funkwerk Koepenick.

3. KSA 5

During 15 and 30 June 1959, the model installation was in Stralsund for weather testing. On this occasion, only minor defects appeared. In early August 1959, development stage UeK 8a was reached.

It has not been decided what type of picture tube is to be used for the construction of further installations. The prototype installation has a Valvo tube (A1 22 - 10). Funkwerk Koepenick proposed the development of a tube with electrical specifications corresponding to those of the Valvo tube.

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Under type designation B 23 G 3, Funkwerk Erfurt meanwhile supplied several comparable sample tubes. The tubes are statically focused. The chemical composition of the one-component screen (Einkomponentenschirm) was developed in a laboratory that is not subordinate to RFT (Rundfunk- und Fernsehtechnik).

4. KSA 6

The KSA-6 installation is the prototype of True Motion installations.

Development stage K 4 is to be achieved in late 1959. Series production will not be started until late 1960. Later on, it is to replace the KSA-3 installation. In addition to the KSA 6, the KSA 5 is to operate as a small-size installation.

5. FBR 1

The device is at present under development. Starting early July 1959, designs for the construction of a model installation will be transmitted to the workshop.

6. Traffic Radar

For testing and operational problems, some installations are built on laboratory scale. In the future, only a small number of installations will be built. It remains a research problem.

7. Magnetrons

The telecommunication plant (Werk fuer Fernmeldewesen WF) in Berlin-Oberschoeneweide is to develop a magnetron for the installations KSA 6 and FBR 1 which is similar to the 2-J-55 Valvo tube. 50X1-HUM

8. [redacted]

9. Personnel Matters

EGM Department of EG Sector, VEB Funkwerk Koepenick

On 31 May 1959, department chief Fleischer retired. Dipl. Phys. (graduate physicist) Pos[redacted] SED member, not active, became his successor. About two or three years ago, he finished his studies and went to Funkwerk Koepenick, at first to the EC sector.

Glashagen became successor of laboratory chief Kaeser, who was relieved of his post.

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